

CIC #: 99EPA SUPERFUND  
BILLED DATE 01-APR-2005  
CUSTOMER ORDER NUMBER DW96941975  
(DIAMOND ALKALI (TA RI/FS) BZ694)  
(EPA 530

VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS  
(AR 37-1)

PAGE NO. 001

ACCOUNTS OF

D.O. VOUCHER NO. BU VOUCHER NO. BILL NO. PAID BY CHECK NO. COLLECTION VOU. NO.

27028537  
PARTIAL # 27 01-MAR-2005 THRU 01-APR-2005

BILLED OFFICE (MAIL TO):

U S ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
26 W MARTIN LUTHER KING DRIVE

BILLING OFFICE (SEND REMITTANCE TO):

USACE FINANCE CENTER  
KANSAS CITY DISTRICT G5  
5720 INTEGRITY DRIVE

CINCINNATI OH 45268-7002  
ATTN

MILLINGTON TN 38054-5005

BILLED ACCOUNTING CLASSIFICATION

68 20 X 8145.0000 2002 NA 0000 NA

000000

\$228,218.05

BILLING ACCOUNTING CLASSIFICATION

96 NA X 3122.0000 G5 08 2416 848 012975

96231

\$228,218.05

LINE ITEM	MOA	DESCRIPTION	
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)	\$217,376.22
1	CONTRACT - OUTSIDE GOVERNMENT	TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP	\$701.92
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS	\$3,039.06
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS	\$1,256.53
1	INHOUSE - LABOR	LABOR	\$5,844.32
SUBTOTAL			\$228,218.05

PARTIAL AMOUNT PAID \$ .00

PAYMENT DUE DATE 01-MAY-2005

PAY THIS AMOUNT \$228,218.05

19005  
Elizabeth A. Buckrucker  
Project Manager

CERTIFICATE OF OFFICE BILLED

FUNDS AUTHORIZED: \$3,756,000.00  
TOTAL BILLED AMOUNT: \$1,551,461.16  
PREVIOUS BILLED AMOUNT: \$1,323,243.11  
CURRENT BILLED AMOUNT: \$228,218.05  
TOTAL FLUX BILLED: \$ .00  
PREVIOUS FLUX BILLED: \$ .00  
CURRENT FLUX BILLED: \$ .00

I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS STATED AND SHOULD BE CHARGED TO THE APPROPRIATION(S) AND/OR FUND(S) AS INDICATED ABOVE, OR THAT THE ADVANCE PAYMENT REQUESTED IS APPROVED AND SHOULD BE PAID AS INDICATED.

DATE

AUTHORIZED ADMINISTRATIVE OR CERTIFYING OFFICER

## Progress Report for EPA Region II

Site:	Diamond Alkali, Operable Unit 3, Passaic River Study Expansion, New Jersey			Phase:	RI/FS, OU3
Bill No.:	27028537 Partial #27	IAG No.:	NWK	DW96941975 (BZ694) IAG Award Date: 9/24/02	IAG Expiration Date: 12/31/07
Reporting Period:	From: Mar 1, 2005	To: Apr 1, 2005	EPA RPM Alice Yeh		USACE PM Elizabeth Buckrucker

## Work Performed

*This Period*

- Project progress conference call with EPA/MPI; held 15 and 29 Mar 05. HydroQual and Battelle personnel participate and provide status of their work during this call.
- Traveled to NY 7-10 Mar 05 for team meetings. Attended Project Delivery Team meeting held 9 Mar 05. Todd Bridges, from the Corps Engineering Research and Development Center (ERDC) presented multi-criteria decision analysis (MCDA) and comparative risk assessment (CRA) as tools that could be used on the Passaic River. Following the PDT, several team members continued the discussion with T. Bridges for actual application possibilities by the project team.
- On 4 Mar 05, participated in conference call to discuss the sediment transport studies to occur this spring. Follow on action taken to coordinate with the Corps Engineering Research and Development Center (ERDC) for a revised SOW and cost estimate. Circulated this SOW internally to EPA and then to larger team for review and comment. Facilitated several discussions between E. Hayter and personnel from ERDC (Joe Gailani, Ernie Smith).
- On 4 Mar 04, participated in conference call to discuss the MPI revisions to FSP Volume 3 – geophysical survey. Discussions included the scope of this work and the sequencing of this work with regards to the sedflume work and geotechnical program.
- On 8 Mar 05, attended a Model Meeting at HQI offices. Team personnel from EPA, Corps, MPI, HQI and some TAC member were present. The main purpose of the meeting was to discuss specifically the comments provided by Earl Hayter and the HQI responses to those comments. Additionally, TAC comments that had not been resolved were discussed. Concurrence was reached on the hydrodynamic model development and approval was given to proceed with this portion of the modeling upon contract award (prior to completion of the entire model plan).
- On 10 Mar 05, attended the Sampling Workgroup Meeting held at EPA offices to allow stakeholders to provide input on the proposed sampling programs planned for the summer and fall of this year. Topics discussed included use of CARP data, how to integrate both Passaic River and Newark Bay work, and numerous technical issues listed in detail below.
- On 17 Mar 05, participated in a conference call to discuss the 3-D data tools for visualization (software options). Topics included Earth Vision and EVS/MVS. This purpose of this call was fact finding and a follow on call is planned for early May.
- On 7 Mar 05, received the final cost proposal from MPI. Reviewed this proposal and had conversation with Len Warner on 14 Mar 05. Final adjustments were made and approval was given to award this work on 15 Mar 05. On 31 Mar 05, funding in the amount of \$926,281 was awarded on TO 0011/Mod 6.
- On 21 Mar 05, discussed TO 0011 MPI performance on numerous items with Bruce Fidler. Topics included: document quality and lack of good quality control measures taken by MPI; questionable cost tracking and management resulting in higher than negotiated management cost and cost exceedances by subconsultants (BAT) who expected additional funds on fixed price work (not approved); general appearance that subconsultants are not well informed of overall project activities; lack of attention to detail on the numerous project items such as PREmis website updates, document management, and correct schedule updates.

## Progress Report for EPA Region II

<b>Work Performed This Period – conf.</b>	<ul style="list-style-type: none"> <li>▪ Upon recommendation by the Contracting Officer Representative (Ed Bristow), revised the interim performance (ACASS) evaluation for TO 0011. Prepared a separate letter to outline the more detailed comments for E. Bristow's signature. Submitted this letter for signature on 28 Mar 05. Prepared revised comments for the ACASS documentation and submitted with evaluation for signature on 28 Mar 05.</li> <li>▪ On 11 Mar 05, the final performance evaluation (ACASS) for TO 0008 (IAG 1915) was signed and provided to MPI.</li> <li>▪ Paid partial amount of Invoice #20 during the reporting period. Lack of documentation to support the technical support budget resulted in withholding of payment for the technical support budget and associated fee. Documented this withholding to MPI explaining the invoice requirements for full payment.</li> <li>▪ On 17 Mar 05, received final concurrence from NY Corps safety personnel on the MPI HASP. Previously received concurrence from KC Corps safety reviewer.</li> <li>▪ Preparation of monthly progress report and update of the contract expenditure and projection spreadsheet for IAG - 1975. A copy of the spreadsheet for the IAG is attached.</li> <li>▪ Began consolidating the overall cost of work conducted to date and comparing this to original estimates and assumptions prepared by EPA. This comparison will assist EPA in reviewing actual cost vs. planned cost and examining the assumptions made and possibly revisiting those for applicability. (This was on hold during the reporting period – other priorities took precedence.) Plans to revisit this during the next month</li> </ul>
<b>Meetings This Period</b>	<ul style="list-style-type: none"> <li>▪ Telephone conference call; Progress Meetings – 15 &amp; 29 Mar 05; EPA/COE – KC/MPI/HQI/BAT.</li> <li>▪ Modeling Plan Meeting; 8 Mar 05; EPA/COE-KC and NY/OMR/MPI/HQI/TAC.</li> <li>▪ Project Delivery Team Meeting, 9 Mar 05; all project stakeholders invited</li> <li>▪ Sampling Workgroup Meeting, 10 Mar 05; all project stakeholders invited</li> </ul>

<b>Key Contract Milestones Completed to Date</b>	<ul style="list-style-type: none"> <li>• Prior to 1 Jan 03 - See IAG DW96941915 for milestones completed.</li> <li>• 6 &amp; 14 Jan 03 - Contract Negotiations with MPI – WAD 3.</li> <li>• 11 Mar 03 - Task Order 0011 awarded for \$325,262; WAD 3.</li> <li>• 8 &amp; 30 Oct 03, 12 Nov 03 - Contract Negotiations with MPI; WADs 4 &amp; 5.</li> <li>• 1 Dec 03 - Task Order 0011/Modification 2 awarded for \$502,836 (obligated); WADs 4 &amp; 5.</li> <li>• 12 Dec 03 – Contract Negotiations with MPI – WAD 6.</li> <li>• 2 Feb 04 – Task Order 0011/Modification 3 awarded for \$94,236 (obligated); WAD 6</li> <li>• 29 Apr 04 – Task Order 0011/Modification 4 awarded for \$155,206 (obligated); to continue work on WADs 4-6.</li> <li>• 17 May 04 – WVN/ATP approved allowing MPI to shift funds into FSP for fall field sampling effort planning.</li> <li>• 27 Aug 04 – Task Order 0011/Modification 5 awarded for \$1,313,167 (obligated) to continue work on WADs 4-6.</li> <li>• 13 &amp; 14 Jan 05 – Contract Negotiations with MPI – WADs 4-7.</li> <li>• 28 Mar 05 – Task Order 0011/Modification 6 awarded for \$926,281 (obligated) to continue work on WADs 4-7.</li> </ul>
<b>Contractor Actions/ Accomplishments</b>	<p><b>WAD 1 Work:</b></p> <ul style="list-style-type: none"> <li>• WAD has been closed and is awaiting final contract modification for closure.</li> </ul> <p><b>WAD 2 Work:</b></p> <ul style="list-style-type: none"> <li>• WAD has been closed and is awaiting final contract modification for closure.</li> </ul> <p><b>WAD 3 Work:</b></p> <ul style="list-style-type: none"> <li>▪ During the reporting period minor website maintenance occurred.</li> </ul>

## Progress Report for EPA Region II

Contractor Actions/  
AccomplishmentsWAD 4 Work:

- Participation in telephone conference calls as noted above. Preparation of Progress Reports, Budget Schedule Forecast and invoices.
- On March 9, 2005 a Project Delivery Team (PDT) Meeting was held at the New Jersey Transportation Planning Authority offices at 1 Newark Center, Newark, NJ. Todd Bridges, Director of the Center for Contaminated Sediments of the USACE, discussed multi-criteria decision analysis (MCDA) and comparative risk assessment (CRA) with regard to their ability to offer scientific and theoretically sound analytical decision methods for complex projects. Frameworks were presented as applicable to environmental projects dealing with contaminated and disturbed sites where risk assessment and stakeholder participation are of crucial concern. Passaic River project updates followed Todd Bridges' presentation.
- Malcolm Pirmie analyzed community interview notes for common threads, prepared final interview notes, and submitted the interview notes to the USEPA on March 3, 2005. It was also decided by USEPA that the final consolidated notes from the community interviews will become a public document that will form the basis of the Community Involvement Plan (CIP).
- On March 15, 2005 a brainstorming session was held at NJDOT's offices in Ewing, NJ to address public outreach needs, actions, and/or tools, and the Draft CIP. Attendees included: David Kluesner - USEPA; Carolyn Vadino - USACE; Reyhan Mehran - NOAA; Lisa Baron - NJDOT-OMR; Mark Herzberg - NJDEP; Ann Rychlenski and Elke Muzikar - Malcolm Pirmie. Carolyn Vadino facilitated the discussions during the meeting, and compiled a list of ideas, which will be used as a reference in drafting the CIP.
- On March 22, 2005 a Consensus Meeting was held to discuss the Draft CIP.
- On March 3, 2005 Malcolm Pirmie submitted a revised Negotiated Cost Proposal to USACE/USEPA to request funding for field activities, modeling work, risk assessment work, and associated project management activities for the upcoming year. This was submitted based on discussions with USACE.
- On March 31, 2005 USACE authorized \$926,281, requested in ATP 9.

WAD 5 Work:

- Malcolm Pirmie revised the Data Quality Objectives (DQOs) for the QAPP. Malcolm Pirmie sent revised Passaic River DQOs to Alice Yeh (USEPA) in preparation for Todd Bridges' presentation at the March 9, 2005 PDT Meeting. DQO documents were sent out on March 4 in MS Excel format.
- On March 3, 2005, a field visit was held at the potential field mobilization site in East Rutherford. Mark McGowan of Malcolm Pirmie conducted a health and safety review of the structure. Participants included: John Logigian and Mark McGowan - Malcolm Pirmie; Alice Yeh - USEPA; Lisa Baron - OMR/NJDOT; and Scott Nicholson - USACE-NY. Lease agreement documents were obtained and reviewed for the proposed field office at 1 Madison Avenue in East Rutherford, NJ, and an analysis of anticipated costs for leasing the space was obtained from Malcolm Pirmie's real estate consultant. A cost comparison memo was prepared and submitted on March 15<sup>th</sup>, demonstrating that the 1 Madison Avenue facility was the most cost-effective and beneficial option currently available.
- On March 4, 2005 two conference calls were held to discuss geophysical surveying for the Passaic River. Participants in the first conference call included: Bruce Fidler, Ed Garvey and Dennis McGrath - Malcolm Pirmie; Alice Yeh - USEPA; Lisa Baron - OMR/NJDOT. Topics of discussion included: what contracting mechanism(s) will be used, how to integrate this effort with the rest of the program, how oversight and direction will be accomplished, and how best to integrate Roger Flood into the process to assist with planning, prove-out and data interpretation. The second conference call was held to discuss the scope of the geophysical survey program to be implemented by WRDA in advance of the geotechnical and sediment transport sampling programs. Ed Garvey's revisions to the FSP Volume 3 geophysical survey scope were reviewed. Participants included: Alice Yeh - USEPA; Beth Buckrucker - USACE-KC; Scott Nicholson - USACE-NY; Ed Garvey, Bruce Fidler, Scott Thompson and Len Warner - Malcolm Pirmie.
- On March 4, 2005, a teleconference was held to obtain consensus on the scope of the sediment transport studies to be conducted in April-May 2005. Participants in the teleconference call included: Alice Yeh and Earl Hayter - USEPA; Beth Buckrucker, USACE-KC; and representatives from Malcolm Pirmie and HydroQual.
- On March 7, 2005, Alice Yeh provided proposed objectives for the geophysical survey tasks based on the March 3-4 discussions on the geophysical survey.

## Progress Report for EPA Region II

- On March 8, 2005 a Modeling Plan meeting was held at HydroQual's office in Mahwah, NJ to discuss EPA comments on the Draft Modeling Plan, and how HydroQual will revise the Modeling Plan to meet EPA's requirements. Topics of discussion included: Review of HQI staffing and schedule; response to EPA and TAC hydrodynamic comments; response to sediment transport comments; response to fate and transport comments; peer review and quality assurance of computer code; response to food chain and bioaccumulation modeling comments. The government gave approval for HydroQual to commence that activity once ATP 9 is awarded and before the full Modeling Work Plan is approved.
- On March 8, 2005 Malcolm Pimie confirmed that the vertical datum for the Spring 2004 bathymetric survey was originally referenced to NGVD29. This ties into topographic and bathymetric data that are available. Use of the USACE MLW as a reference point requires a correction to bathymetric data from previous bathymetric surveys. As such, the Mean Low Water datum was converted to facilitate bathymetric survey comparison for 1989 USACE, 1999 TSI, 2000 TSI, 2004 TAMS, and 2004 USACE datasets.
- On March 10, 2005 a Sampling Workgroup meeting was held at USEPA Region 2, New York, NY to discuss the technical issues and obtain input on the sampling programs associated with designing a sampling plan for sediment and water quality expected to occur in the Passaic River this summer and fall. Topics of discussion included: use of CARP data and modeling output, where available; consistency between Passaic River and Newark Bay projects with regard to data needs, modeling needs, and overlap; geotechnical sediment analysis needs, including physical/geochemical properties, visual classification/stratification of sediment samples, and geophysical survey ground-truthing programs; possible use of sediment profile imagery as a method for studying resident biota and bioturbation; analytical suite of chemicals recommended for sample; in-situ toxicity testing for porewater samples; vertical contaminant concentration profiles developed by OMR and their potential for use in the low resolution sediment coring program; use of low resolution cores to determine locations of high resolution sediment cores; pros and cons of using radio dating (particularly Be-7) for determining age of sediment; use of new data to identify sources of contaminants; division of river by physical characteristics (e.g., flow, bed properties) to plan effective coring program; effects of groundwater inputs and air deposition of PCBs, dioxins, and mercury; potential for dividing data type/data users table into bioaccumulate vs. acutely toxic contaminants; water sampling considerations (depth intervals, extractions, compositing, use of automated samplers).
- The summary notes of the first Sampling Work Group meeting were prepared by Malcolm Pimie and reviewed, edited, and distributed by Alice Yeh in an e-mail dated March 21<sup>st</sup>. The content of the summary notes was considered during the preparation of the Draft WP/FSP and QAPP.
- Several tasks integral to the preparation of the WP/FSP and QAPP, and developed collaboratively by Malcolm Pimie, Battelle, and HydroQual are in progress, including:
  - Action Level (AL) and Reporting Limit (RL) tables for environmental sample media and analyses
  - Data Needs/Data Uses table
  - Decision Strategy Figures
- Malcolm Pimie communicated the results of the RL development effort to USEPA DESA to evaluate whether CLP RLs could be adjusted downward to meet the required sensitivity under the flex clause program (the tables were submitted to Jennifer Feranda via e-mail on March 18<sup>th</sup>). These RLs were integrated into the analytical method requirements included in the Draft QAPP submittal.
- Malcolm Pimie incorporated input received from Battelle and HydroQual regarding their data needs for the various project sampling and analytical programs to be addressed in FSP Vol. 1. Decision strategy diagrams outlining a dynamic work plan approach for the field sampling programs were revised based on internal review and discussions, and review and comment by project team members from Battelle and HydroQual.
- Malcolm Pimie project team members began conducting additional geochemical and sediment stability analysis of historical data in order to update the conceptual site model and to provide guidance in determining sampling locations for the sediment field programs described in the field sampling plan.
- Malcolm Pimie discussed permitting requirements for field sampling programs (e.g., hydrodynamic studies, geotechnical coring) with the NJDEP. It was agreed that for permit applications, Malcolm Pimie will provide a letter stating program/task objectives, a description of the program, a work plan describing field sampling activities, and the purposes for collecting additional core samples, as applicable.
- Work continued on developing subcontract agreements for analytical laboratories. The requirements of the subcontracts are contingent upon agreeing upon reporting limits, quality control procedures, and laboratory capabilities. These subcontracts will be included as appendices to the Draft QAPP and modified based on future comments and discussions within the project team.

## Progress Report for EPA Region II

- On March 17, 2005 a conference call was held to discuss 3D data visualization software options for displaying data for the Passaic River and Newark Bay projects. EarthVision and EVS/MVS software were discussed including: features of each software package; compatibility with geostatistical tools (semivariogram preparation and kriging); ability to export data into standard GIS mapping programs; proprietary nature of each software package; incremental cost of maintaining software in the future; other possible 3D software options. Participants included: Beth Buckrucker – USACE-KC; Eugenia Naranjo and Alice Yeh – USEPA; Paul Anid. HydroQual; Tom Gulbransen and Jim Hicks – Battelle; Amy Atamian, Ed Garvey, Solomon Gbondo-Tugbawa, Neven Kresic – Malcolm Pirnie. A follow-up discussion will be scheduled for the first week of May.
- Malcolm Pirnie revised the bathymetric survey comparison figures in response to comments received from USACE via e-mail on March 23<sup>rd</sup> regarding the color coding and the bin sizes for the amount of scour or deposition in feet. A draft memo describing the bathymetric survey comparison methodology was submitted to USACE and USEPA via e-mail on March 25<sup>th</sup>.
- On March 25, 2005 Malcolm Pirnie uploaded the Draft QAPP to PREmis. A conference call was held on March 30, 2005 to discuss the agencies' preliminary comments on the Draft QAPP. Participants in this discussion included: Alice Yeh – USEPA; Beth Buckrucker – USACE; Len Warner, John Logigian, and Bruce Fidler – Malcolm Pirnie.
- On March 28, 2005 Malcolm Pirnie uploaded the Draft FSP Volume I and Draft WP to PREmis. A conference call was held on March 31, 2005 to discuss the agencies' preliminary comments on Draft FSP Volume I, followed by a second conference call on April 1<sup>st</sup> to discuss comments on the Draft WP. Participants in both discussions included: Alice Yeh – USEPA; Beth Buckrucker – USACE; Len Warner, Bruce Fidler, and John Logigian – Malcolm Pirnie. Based on comments received during these discussions as well as from internal review, Malcolm Pirnie revised the Draft FSP Volume I and Draft WP; revised electronic versions were posted on PREmis on April 7, 2005 and hard copies were submitted to members of the Sampling Workgroup for review (including individuals from USEPA, USACE, NJDEP, USFWS, NJDOT, and the Passaic River Coalition) on April 8, 2005. A second Sampling Workgroup meeting is scheduled for April 21, 2005 at USEPA's Region 2 offices in New York, NY to discuss the planning documents.

### Battelle

- Continued discussions with Malcolm Pirnie regarding ALs and RLs. The AL/RL tables (refer to the Draft QAPP), developed jointly by Battelle and Malcolm Pirnie, address analytical sensitivity necessary to facilitate project risk assessment and sampling data evaluation. Battelle provided review comments on DQOs and the laboratory SOWs, continued discussions on CLP methods necessary to complete the AL table, and participated in an internal team conference call on March 17, 2005 to discuss reporting limits. The following is a summary of the key points from the conference call:
  - There was discussion regarding the minimum number and type of samples required for risk assessment as well as the laboratory RLs necessary to address risk assessment needs and the number of samples which might be required.
  - A table was reviewed comparing the lowest AL identified to a listing of proposed RLs for the COPCs in water and sediment, based primarily on the EPA-CLP analytical services' latest capabilities.
  - It was proposed that for water and sediment samples to be collected during this year's program, RLs will be primarily based on EPA-CLP's capabilities for a majority of the inorganic and organics. In some cases lower limits will be requested under the CLP flex clause. (In a few cases, such as metals speciation, non-CLP methods will be employed.)
- After the first year's data is evaluated, a determination will be made to determine whether the analytical sensitivity of the collected data is sufficient to meet the risk assessment needs and a determination will be made if additional data must be collected by methods, which can provide even lower RLs.
- Addressed comments to the Draft WP and DQOs, discussed the decision strategy diagrams with Malcolm Pirnie, and provided the following: a revised Risk Assessment section (Section 8); COPC/COPEC summary table; description of COPC/COPEC screening processes used.
- Worked with Malcolm Pirnie to revise and review the Draft FSP, Volume I. Battelle provided Malcolm Pirnie with recommended mudflat sampling locations and protocols for field determination of the depth of the bioactive zone in the mudflat sediments. Battelle also submitted contributions to the data needs/data uses table.
- Because staff resources were focused on activities related to meeting deadlines for the Draft planning documents, work on finalizing the PAR was delayed.

## Progress Report for EPA Region II

### HydroQual

- HydroQual submitted input to the Data Use and Needs Table on Friday March 11, 2005.
- Submitted final versions of the Data Needs/Uses Table, HydroQual's organizational chart, a refined grid for the Passaic River, and conceptual site model figures to Malcolm Pirnie for use in the Draft planning documents.
- For the Draft WP, provided the following: brief memorandum summarizing the historical data evaluation; comments on the Sediment Transport Investigation section.
- For the Draft FSP, Volume I, participated in discussions regarding concurrent mobilization for SEDFLUME and Gust Microcosm experiments; provided input regarding the Fixed Transect Water Column Sampling approach.

### WAD 6 Work:

- Ongoing routine maintenance (updating news items, etc.) occurred on ourPassaic.org. Malcolm Pirnie reviewed materials sent by USEPA for inclusion on the website. These materials were edited and sent back to USEPA for approval prior to moving into development and production. On March 9, 2005 the public website (<http://ourPassaic.org>) was updated with the following material: summary of TAC members and their areas of expertise.

### WAD 7 Work:

- On March 1, 2005 an internal kick-off meeting was held to begin preliminary Feasibility Study evaluations. Topics that were discussed: steps that are needed for the preparation of the FS, Development of a Technical Screening Database, and preparation for the April 6, 2005 PDT meeting. Participants included: Bruce Fidler, Scott Thompson, Stephanie Cedro and Liam Bossi - Malcolm Pirnie.
- Work began on preliminary evaluation of remedial technologies and options as applicable to the project's remediation goals. A presentation of work toward Preliminary Feasibility Study Technology Screening and Database efforts will be made at the April 6, 2005 PDT meeting.
- Malcolm Pirnie project team members continued geochemical and sediment stability analysis using historical data to update the conceptual site model and to provide guidance in determining sampling locations for the sediment field programs described in Draft FSP Vol. 1. To maintain the project schedule, Malcolm Pirnie moved forward with the Preliminary Geochemical Evaluation in advance of the award of ATP 9/WVN 8, initially using funds from the interim WVN approved via e-mail on February 22, 2005. By March 23, 2005, Malcolm Pirnie had expended approximately 502 hours of the negotiated effort of 572 hours, and the effort was halted pending preparation of a technical memorandum to document the findings. Malcolm Pirnie's effort occurred prior to receipt of the executed copy of ATP 9 on March 31<sup>st</sup>, therefore Battelle and HydroQual were not requested to conduct concurrent geochemical evaluation work in advance of funding. The Draft Technical Memorandum documenting Malcolm Pirnie's findings will be submitted to the USACE and USEPA in the next reporting period.

### Projected Work, Meetings Milestones through next FY.

<i>Narrative</i>	<ul style="list-style-type: none"> <li>▪ Work Plans, Field Sampling Plans and associated documents are in various stages of completion. This field planning will continue in 2005 with sampling planned to begin in July 2005.</li> <li>▪ Hydrodynamic Model work is underway; anticipate in progress meetings on the status of this model with model completion currently scheduled for late February 2006.</li> </ul>
<i>Meetings</i>	<ul style="list-style-type: none"> <li>• Continuation of Bi-weekly Progress calls.</li> <li>• Continuation of Passaic PM and PDT Meetings with appropriate parties.</li> </ul>
<i>Key Milestones Forthcoming</i>	<ul style="list-style-type: none"> <li>• Mobilization and fieldwork start planned for July 2005.</li> </ul>

## Progress Report for EPA Region II

Issues	
<b>Technical:</b>	<ul style="list-style-type: none"> <li>Long-term river access for 2005 fieldwork and beyond – effort to secure location is focused on one site; anticipate lease to be signed during the next reporting period.</li> <li>WES Sedflume study rescheduled for spring of 2005. Other geophysical surveys (to be conducted by OMR) are necessary to assist in facilitating selection of sediment core sampling locations. Timing and sequencing of these events is very aggressive to meet projected fieldwork mobilization dates.</li> <li>A policy discussion and decision is needed to determine whether analytical RLs must be below baseline contaminant levels.</li> <li>Quality Control performed by MPI on their work products has not been evident on many recent submittals. An interim performance evaluation has been prepared to formally document this performance and these issues have been discussed with MPI. Specific expectations have been discussed with MPI to raise their level of performance and the quality of their documents.</li> </ul>
<b>Schedule:</b>	<ul style="list-style-type: none"> <li>Completion of the Historic Data Evaluation has been delayed by the need to convert the different datums used on the bathymetric surveys to be compared. It is planned that this information will be submitted on April 19<sup>th</sup> with the documentation of the geochemical evaluation.</li> <li>Minor delays in some work products based on sequencing and receipt of information from partner agencies; however, the overall field mobilization dates have not changed, however the aggressive schedule complicates each small delay.</li> </ul>
<b>Funding:</b>	<ul style="list-style-type: none"> <li>Future funding needs for continued work into the next calendar year are being determined.</li> <li>Continued discussions have occurred with MPI concerning their tracking of funds and the appropriate manner in which to charge work to specific line items instead of using the project technical support budget.</li> </ul>

IAG Summary						
Amendment Funding						
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
1,000,000	0	Initial	9/24/02	-	-	\$ 1,000,000
50,000	0	1	9/11/03	-	-	\$ 1,050,000
156,000	0	2	4/15/04	-	-	\$ 1,206,000
1,500,000	0	3	8/11/04	-	-	\$ 2,706,000
50,000	0	4	9/17/04	-	-	\$2,756,000
1,000,000	0	5	12/21/04	-	-	\$3,756,000

Note: Technical Assistance IAG; Procurement total = \$875,000; Personnel = \$175,000

Amendment 2 – allocation of funds is: Procurement total = \$1,081,000; Personnel = \$125,000.

Amendment 3 – allocation of funds is: Procurement total = \$2,381,500; Personnel = \$274,500

Amendment 4 – allocation of funds is: Procurement total = \$2,431,500; Personnel = \$324,500.

Amendment 5 – allocation of funds is: Procurement total = \$3,331,500; Personnel = \$424,500



## Progress Report for EPA Region II

## Expenditures: USACE &amp; CONTRACT

Summary of Funds Spent Per Activity & Funds Remaining				
Description	Funds For Activity	Funds Disbursed This Month	Funds Disbursed To Date	Funds Remaining
Contract – Task Order 0011	\$ 325,262.00	\$ 0	\$ 325,262.00	\$ 0
Contract – Task Order 0011/Mod 2 <sup>Note 1</sup>	\$ 502,836.00	\$ 0	\$ 502,836.00	\$ 0
Contract – Task Order 0011/Mod 3	\$ 94,236.00	\$ 0	\$ 94,236.00	\$ 0
Contract – Task Order 0011/Mod 4	\$ 155,206.00	\$ 0	\$ 155,206.00	\$ 0
Contract – Task Order 0011/Mod 5	\$1,313,167.00	\$217,376.22	\$ 269,688.86	\$1,043,478.14
Contract Dollars Available	\$ 940,793.00	\$ 0	\$ 0	\$ 940,793.00
Kansas City Corps In-House Labor/Travel	\$ 424,500.00	\$ 10,841.83	\$ 195,257.32	\$ 220,267.70
Superfund M&S Fee		\$ 0	\$ 8,974.98	
<b>Totals</b>	<b>\$ 3,756,000.00</b>	<b>\$ 228,218.05</b>	<b>\$ 1,551,461.16</b>	<b>\$ 2,204,538.84</b>

Note 1: Task Order 0011/Mod 1 was administrative in nature; date extension and small change in fee/work structure of dollars (total dollars did not change).

## Contract Obligations/Deobligations Plan (FY03/FY04/FY05 estimates)

Contract	Planned Obligation	Date	Actual Obligation	Date	Notes
DACW41-02-D-0003	\$300,000	1/31/03	\$325,262.00	3/11/03	New task order awarded; Task Order 0011 (WAD 3).
DACW41-02-D-0003	\$1,000,000	12/1/03	\$502,836.00	12/1/03	Total negotiated amount is \$1,187,911.00 of which \$502,836.00 was obligated (WADs 4 & 5).
DACW41-02-D-0003	\$500,000	1/2/04	\$94,236.00	2/2/04	Total negotiated amount is \$559,793 of which \$94,236 was obligated (WAD 6)
DACW41-02-D-0003		4/29/04	\$155,206.00	4/15/04	Incremental funding to continue work on WADs 4-6 as previously negotiated.
DACW41-02-D-0003	1,200,000	7/30/04	\$1,313,167.00	8/27/04	Task Order modification for 2004 fieldwork and FSP and associated document preparation.
DACW41-02-D-0003	\$900,000	2/15/05	\$926,281.00	3/31/05	Funding to finalize fieldwork documents and planning/preparations. Delay due to number of proposal revisions; anticipate award in March 2005.
DACW41-02-D-0003	\$1,500,000	6/30/05			Estimate of potential fieldwork sampling cost for spring/summer sampling and associated work.
Total Funds Obligated Task Order 0011			\$3,316,988.00		

## IAG Scope of Work Summary (block 13 of IAG)

Base IAG: This amendment obligates \$1,000,000 to the U.S. Army Corps of Engineers - Kansas City District for Remedial Investigation and Feasibility Study at the Diamond Alkali OU3 Superfund Site (EPA ID: NJD980528996)

IAG Amendment #1 and #4 Scope of Work Summary (block 13 of IAG)

**Progress Report for EPA Region II**

This amendment obligates Urban Rivers Restoration Initiatives funds in the amount of \$50,000 to the U.S. Army Corps of Engineers – Kansas City District for community relations activities in support of Remedial Investigation and Feasibility Study at the Diamond Alkali, OU3 Superfund Site (EPA ID: NJD980528996)

1AG Amendment #2 and #3 Scope of Work (block 13 of 1AG)

This amendment obligates an additional \$156,000 (#2) 1,500,000 (#3) of Special Account Funds to the Engineers – Kansas City District to perform activities in support of RI/FS at the Lower Passaic River portion of the Diamond Alkali, OU2 Superfund Site (EPA ID: NJD980528996)

**Project Delivery Team**

Name	Contact Information	Responsibility
Beth Buckrucker	(816) 983-3581 Cell: (816) 695-5797	Project Manager
Trudy Shannon	(816) 983-3822	Contract Specialist
Robert Nunn	(816) 983-3837	Contracting Officer
Ed Bristow	(816) 983-3583	COR



Elizabeth Buckrucker  
Project Manager  
816-983-3581

Date: June 1, 2005

**LOWER PASSAIC RIVER RESTORATION PROJECT**  
**DW96941975; BZ694**  
**USACE/Contract Expenditures**  
**and**  
**Projected Expenditures**

Thru: 1 Apr 05  
 Partial Bill #27

FY04																			
Bill Number==>	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27				
Item	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05				
Travel Expenses	0.00	0.00	1,571.50	0.00	1,326.55	679.30	378.30		1,348.55	1,320.20		1,331.05	1,338.80	718.32	701.92				
Other: Reproduction Services/MIPRs for Labor	150.00	0.00	0.00	0.00	0.00	0.00					415.23	693.36		0.00	0.00				
Departmental Overhead	1,698.21	2,095.78	2,471.74	2,075.73	1,458.03	935.90	934.63	18.30	671.09	2,660.98	2,503.45	2,402.46	3,198.61	3,437.59	3,039.06				
General/Administrative Overhead	1,074.24	1,114.81	1,314.81	1,128.30	840.02	524.90	497.15	9.73	356.98	1,128.41	1,035.08	993.34	1,322.50	1,421.31	1,256.53				
Labor	4,296.87	4,459.13	5,259.06	4,505.08	3,359.97	2,099.53	1,988.57	38.93	1,427.85	5,162.51	4,814.32	4,620.15	6,151.17	6,610.74	5,844.32				
Superfund M&S Fee													8,974.98	0.00	0.00				
<b>USACE Labor; monthly</b>	<b>7,219.32</b>	<b>7,669.72</b>	<b>10,617.11</b>	<b>7,707.11</b>	<b>6,984.57</b>	<b>4,239.53</b>	<b>3,798.65</b>	<b>66.96</b>	<b>3,805.47</b>	<b>10,270.10</b>	<b>8,768.08</b>	<b>10,040.36</b>	<b>20,986.06</b>	<b>12,187.96</b>	<b>10,841.83</b>				
<b>Cumulative USACE Labor:</b>	<b>88,248.79</b>	<b>93,918.51</b>	<b>104,535.62</b>	<b>112,242.73</b>	<b>119,227.30</b>	<b>123,466.83</b>	<b>127,265.48</b>	<b>127,332.44</b>	<b>131,137.91</b>	<b>141,408.01</b>	<b>150,176.09</b>	<b>160,216.45</b>	<b>181,202.51</b>	<b>193,390.47</b>	<b>204,232.30</b>				
IAG Funding Received/Personnel:								149,500.00					100,000.00						
IAG Funding Received/Contract:				156,000.00				1,350,500.00	50,000.00			900,000.00							
Contracts Awarded		94,236.00	0.00	155,206.00				1,313,167.00							926,261.00				
Contract Disbursements; monthly (Invoiced/Paid)	41,654.28	0.00	155,284.33	107,278.14	61,573.74	114,071.34	55,527.86	55,943.21	23,532.48	110,683.72	0.00	308,966.55	0.00	0.00	217,376.22				
<b>Cumulative Contract Disbursements</b>	<b>136,991.27</b>	<b>136,991.27</b>	<b>292,255.60</b>	<b>399,533.74</b>	<b>461,107.48</b>	<b>575,178.82</b>	<b>630,706.68</b>	<b>686,649.89</b>	<b>710,162.37</b>	<b>820,866.09</b>	<b>820,866.09</b>	<b>1,129,852.64</b>	<b>1,129,852.64</b>	<b>1,129,852.64</b>	<b>1,347,228.86</b>				
<b>Cumulative Invoiced; labor and contract</b>	<b>223,240.06</b>	<b>230,909.78</b>	<b>396,791.22</b>	<b>511,776.47</b>	<b>580,334.78</b>	<b>698,645.65</b>	<b>757,972.16</b>	<b>813,982.33</b>	<b>841,320.28</b>	<b>962,274.10</b>	<b>971,042.18</b>	<b>1,290,069.09</b>	<b>1,311,055.15</b>	<b>1,323,243.11</b>	<b>1,551,461.16</b>				
<b>Remaining IAG \$\$</b>	<b>135,653.21</b>	<b>33,747.49</b>	<b>23,130.38</b>	<b>16,217.27</b>	<b>9,232.70</b>	<b>4,993.17</b>	<b>1,194.52</b>	<b>187,880.56</b>	<b>234,155.09</b>	<b>223,884.99</b>	<b>215,116.91</b>	<b>1,205,076.55</b>	<b>1,184,090.49</b>	<b>1,171,902.53</b>	<b>234,779.70</b>				

